

least into a basic module and a user interface module, and the loading of the user interface software is executed in at least two phases, wherein in the first phase the loading and start-up of the basic module is conducted, and in the second phase the loading and start-up of the user interface module is conducted, and the second phase is conducted when the expansion card is coupled to the electronic device.

2. The method according to claim 1 wherein said basic module of the user interface software controls the execution of the second phase.

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3. The method according to claim 2, wherein in the electronic device an application programming interface and a device driver are executed in order to arrange communication between the user interface software and the expansion card, wherein when the expansion card is coupled to the electronic device, information on the coupling of the expansion card is transmitted from the device driver to the application programming interface from which the information is transmitted to the basic module, and wherein the loading and start-up of the user interface module is initiated from the basic module.

4. The method according to claim 3, wherein in the electronic device an operating system is executed to control the function of the electronic device, and in the coupling of the expansion card an interrupt signal is produced, wherein in the operating system the possible cause for the interrupt signal is examined and information on the coupling of the expansion card is transmitted to the device driver.

5. Method according to claim 1, wherein when the expansion card is detached from the electronic device, the user interface module is halted and the basic module is kept in operation.

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6. The method according to claim 5, wherein when the user interface module is being loaded, an area in the memory is allocated for the user interface module, and when the expansion card is detached from the electronic device, the area allocated in the memory for the user interface module is deallocated.

7. An electronic device comprising means for loading user interface software in an electronic device, means for coupling the expansion card in a releasable manner in the electronic device and means for loading, starting and

executing program modules in the electronic device wherein the user interface software is divided at least into a basic module and a user interface module, and the means for loading the user interface software, and the loading of the user interface module is arranged to be executed when the expansion card is coupled to the electronic device.

8. The electronic device according to claim 7, wherein said basic module of the user interface software comprises means for controlling the execution of the second phase.

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9. The electronic device according to claim 8, wherein the electronic device comprises means for executing the device driver to arrange communication between the user interface software and the expansion card, means for recognizing the coupling of the expansion card to the electronic device and means for transmitting the information on the coupling of the expansion card from the device driver to the basic module, and wherein the basic module comprises means for loading and starting the user interface module.

10. The electronic device according to claim 9, wherein the electronic device comprises means for executing an application programming interface, and said means for transmitting information on the coupling comprises an application programming interface.

11. The electronic device according to claim 10, wherein the electronic device comprises means for executing an operating system to control the function of the electronic device, means for producing an interrupt signal on the coupling of the expansion card to the electronic device, and wherein the operating system comprises means for examining the cause of said interrupt signal and means for transmitting information on the coupling to the device driver.

12. The electronic device according to claim 7, wherein the expansion card comprises a transmitter/receiver unit and a high frequency power amplifier.

13. The electronic device according to claim 7, wherein it is a data processor.

14. A storing means for loading the user interface software of an expansion card in an electronic device

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comprising means for loading, starting and executing program modules in the electronic device, which expansion card can be coupled in a resealable manner to the electronic device, wherein the user interface software is divided at least into a basic module and a user interface module, and the loading program comprises procedures for loading the user interface software in at least two phases, wherein in the first phase the loading and start-up of the user interface module is arranged to be conducted, and the second phase is conducted when the expansion card is coupled to the electronic device.

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REMARKS

A marked-up version of the rewritten claims is attached hereto.

The specification has been amended to add section headings.

The claims have been amended to increase the line spacing. They have also been amended to better conform to US practice and not for reasons related to patentability.

It is respectfully submitted that antecedent basis for "the expansion card" in original claim 7, line 16, is found in line 2 of claim 7. Claim 12 has been amended to delete the objectionable limitation. Thus it is